



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/pera](http://www.miamidade.gov/pera)

**Eurotech Industries, Inc.**  
**4201 NE 12<sup>th</sup> Terrace**  
**Ft. Lauderdale, FL 33334**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "PW-800" Aluminum Fixed Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **W08-01**, titled "Series PW-800 Alum Fixed Window (L.M.I.)", sheets 1 through 5 of 5, dated 01/03/08, with revision C dated 01/30/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 09-0929.13 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*MP*  
4/9/12

NOA No. 12-0208.04  
Expiration Date: March 27, 2013  
Approval Date: April 19, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**


1. Manufacturer's die drawings and sections.
2. Drawing No **W08-01**, titled "Series PW-800 Alum Fixed Window (L.M.I.)", sheets 1 through 5 of 5, dated 01/03/08, with revision C dated 01/30/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

**B. TESTS**

1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-09-2632**, dated 09/15/09, signed and sealed by Candido F. Font, P. E.  
*(Submitted under previous NOA No. 09-0929.13)*
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Hurricane Engineering & Testing Inc., Test Reports No. **HETI-07-4156, 4157, 4165 and 4166**, dated 09/21/07, signed and sealed by Candido F. Font, P. E.  
*(Submitted under previous NOA No. 08-0131.04)*
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Hurricane Engineering & Testing Inc., Test Reports No. **HETI-07-4158, 4160 and 4164**, dated 09/21/07, signed and sealed by Candido F. Font, P. E.  
*(Submitted under previous NOA No. 08-0131.04)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 09/21/09 and revised and updated to FBC-2010 on 01/26/12, signed and sealed by Javad Ahmad, P. E.  
*(Submitted under previous NOA No. 09-0929.13)*
2. Glazing complies with ASTM E1300-04

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0208.04  
Expiration Date: March 27, 2013  
Approval Date: April 19, 2012

**Eurotech Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**


1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **08-1224.04** issued to Solutia, Inc. for their "**Saflex Composites Glass Interlayer with PET Core**" dated 02/25/09, expiring on 12/11/13.

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated January 26, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**G. OTHER**

1. Notice of Acceptance No. **09-0929.13**, issued to Eurotech Industries, Inc. for their Series PW-800 Aluminum Fixed Window - L.M.I., approved on 12/23/09 and expiring on 03/27/13.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0208.04  
Expiration Date: March 27, 2013  
Approval Date: April 19, 2012

### SERIES PW-800 ALUMINUM FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIX. WDW. WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

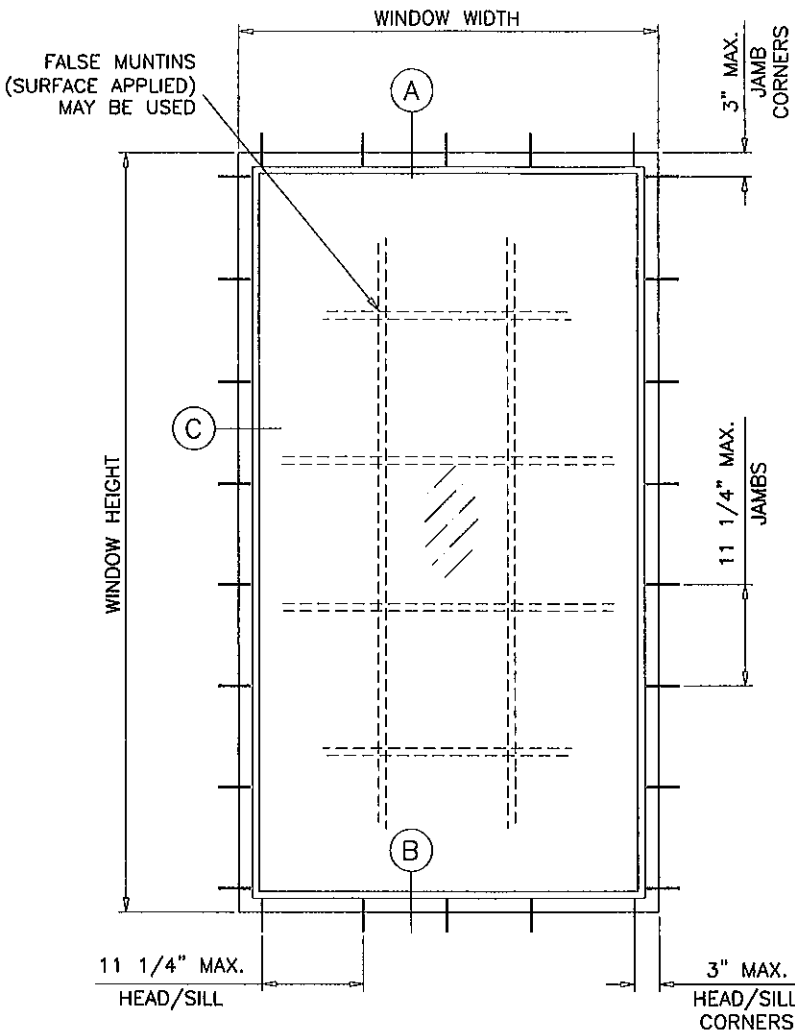
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*FEB 9 2012*

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0208.04  
Expiration Date March 27, 2013  
By *Manuel*  
Miami Dade Product Control



TYPICAL ELEVATION

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W08-01EWD

SERIES PW-800 ALUM FIXED WINDOW (L.M.I.)

**EUROTECH INDUSTRIES INC.**

4201 N.E. 12TH TERRACE  
FT. LAUDERDALE, FL. 33334  
TEL. (954) 630-9967 FAX. (954) 630-0217

no.	date	by	description
A	09.24.09		GENERAL REVISION
B	12.01.09		REV. PER BCCO COMMENTS
C	01.30.12		UPDATED TO 2010 FBC

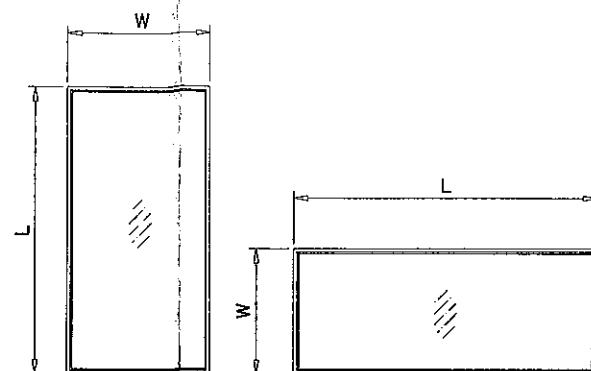
date: 01-03-08	scale: 1/2"=1'-0"	dr. by: HAMID	chk. by:
----------------	-------------------	---------------	----------

drawing no.  
**W08-01**

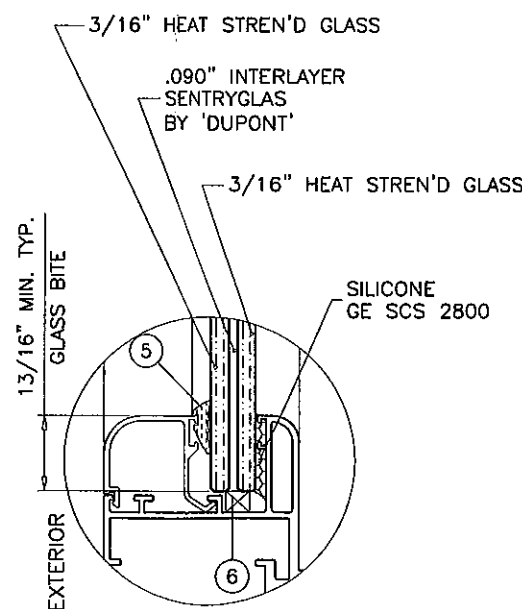
sheet 1 of 5

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		110.0	110.0	62.0	62.0
53-1/8"		110.0	110.0	62.0	62.0
26-1/2"	38-3/8"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		110.0	110.0	62.0	62.0
53-1/8"		110.0	110.0	62.0	62.0
26-1/2"	50-5/8"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		110.0	110.0	62.0	62.0
53-1/8"		104.8	104.8	58.8	58.8
26-1/2"	63"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		110.0	110.0	62.0	62.0
53-1/8"		99.4	99.4	56.0	56.0
26-1/2"	74-1/4"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		75.0	75.0	62.0	62.0
53-1/8"		67.8	67.8	56.0	56.0
26-1/2"	78"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		75.0	75.0	62.0	62.0
53-1/8"		67.8	67.8	56.0	56.0
26-1/2"	84"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		75.0	75.0	62.0	62.0
53-1/8"		67.8	67.8	56.0	56.0
26-1/2"	96"	110.0	110.0	62.0	62.0
32"		110.0	110.0	62.0	62.0
37"		110.0	110.0	62.0	62.0
42"		75.0	75.0	62.0	62.0
48"		75.0	75.0	62.0	62.0

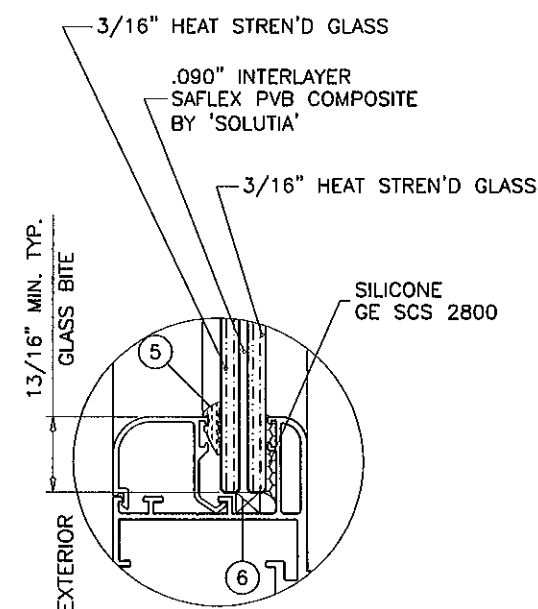
DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	48"	110.0	110.0	62.0	62.0
30"		110.0	110.0	62.0	62.0
36"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		110.0	110.0	62.0	62.0
54"		110.0	110.0	62.0	62.0
60"		110.0	110.0	62.0	62.0
24"	60"	110.0	110.0	62.0	62.0
30"		110.0	110.0	62.0	62.0
36"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		110.0	110.0	62.0	62.0
54"		97.8	97.8	55.1	55.1
60"		60.0	60.0	49.6	49.6
24"	72"	110.0	110.0	62.0	62.0
30"		110.0	110.0	62.0	62.0
36"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		110.0	110.0	62.0	62.0
54"		66.7	66.7	55.1	55.1
60"		60.0	60.0	49.6	49.6
24"	84"	110.0	110.0	62.0	62.0
30"		110.0	110.0	62.0	62.0
36"		110.0	110.0	62.0	62.0
42"		110.0	110.0	62.0	62.0
48"		75.0	75.0	62.0	62.0
54"		66.7	66.7	55.1	55.1
24"	96"	110.0	110.0	62.0	62.0
30"		110.0	110.0	62.0	62.0
36"		110.0	110.0	62.0	62.0
42"		75.0	75.0	62.0	62.0
48"		75.0	75.0	62.0	62.0
24"	108"	110.0	110.0	62.0	62.0
30"		110.0	110.0	62.0	62.0
36"		75.0	75.0	62.0	62.0
42"		75.0	75.0	62.0	62.0
48"		75.0	75.0	62.0	62.0
24"	120"	110.0	110.0	62.0	62.0
30"		75.0	75.0	62.0	62.0
36"		75.0	75.0	62.0	62.0
42"		75.0	75.0	62.0	62.0
48"		75.0	75.0	62.0	62.0



NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED  
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



GLASS TYPE 'A'



GLASS TYPE 'B'

# GLAZING OPTIONS

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS).

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0208-04  
Expiration Date March 27, 2013  
By: *Muhammad J. J.*  
Miami Trade Product Control

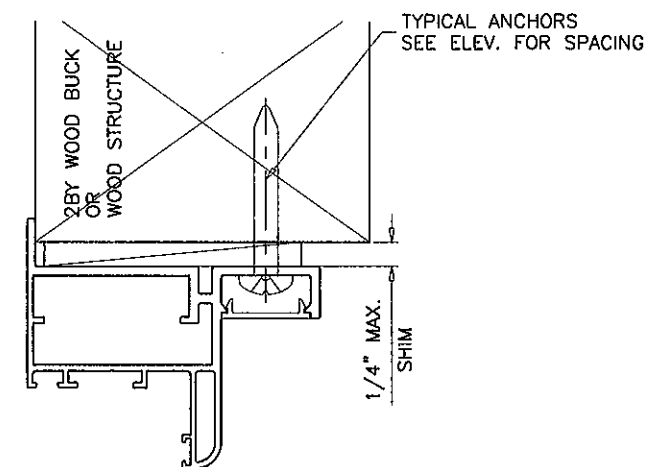
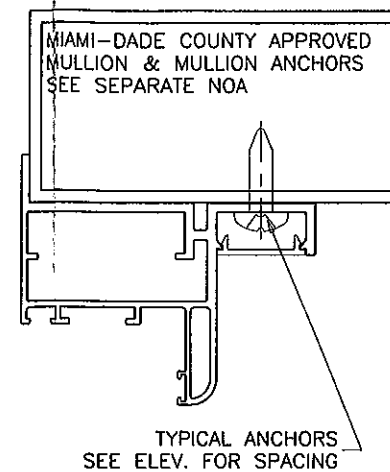
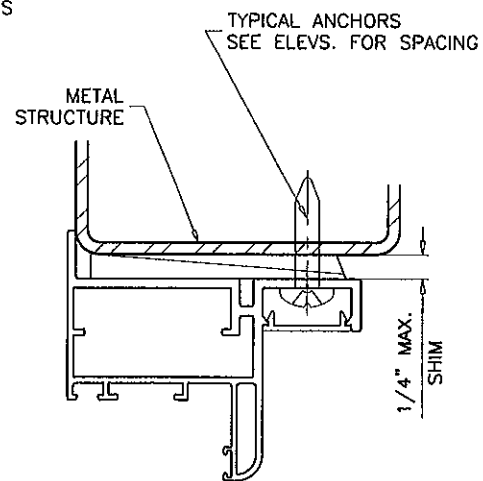
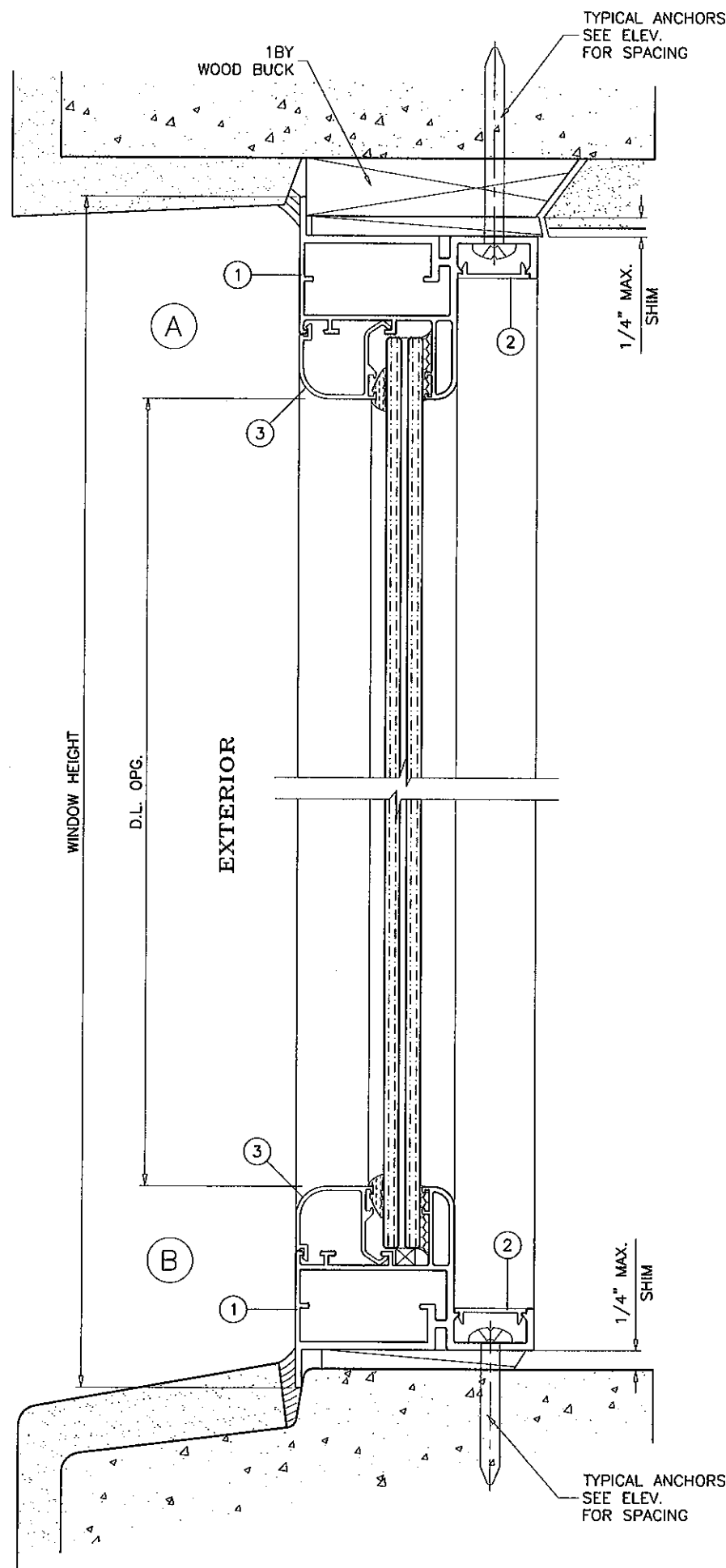
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-01 EWD

SERIES PW-800 ALUM FIXED WINDOW (L.M.I.)  
**EUROTECH INDUSTRIES INC.**  
4201 N.E. 12TH TERRACE  
FT. LAUDERDALE, FL. 33334  
TEL. (954) 630-9967 FAX. (954) 630-0217

revisions:	no	date	description
	A	09.24.09	GENERAL REVISION
	B	12.01.09	REV. PER BCCO COMMENTS
	C	01.30.12	UPDATED TO 2010 FBC

date:	01-03-08
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.  
**W08-01**  
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY EUROTECH MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON BY 'ELCO'** ( $F_u=177$  KSI,  $F_y=155$  KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. ( $F_y = 36$  KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS  $f'_c = 3000$  PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.

**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
 CRL SMALL JOINT SEALER.

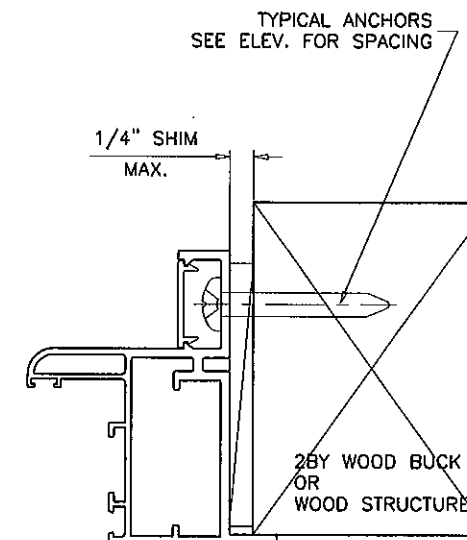
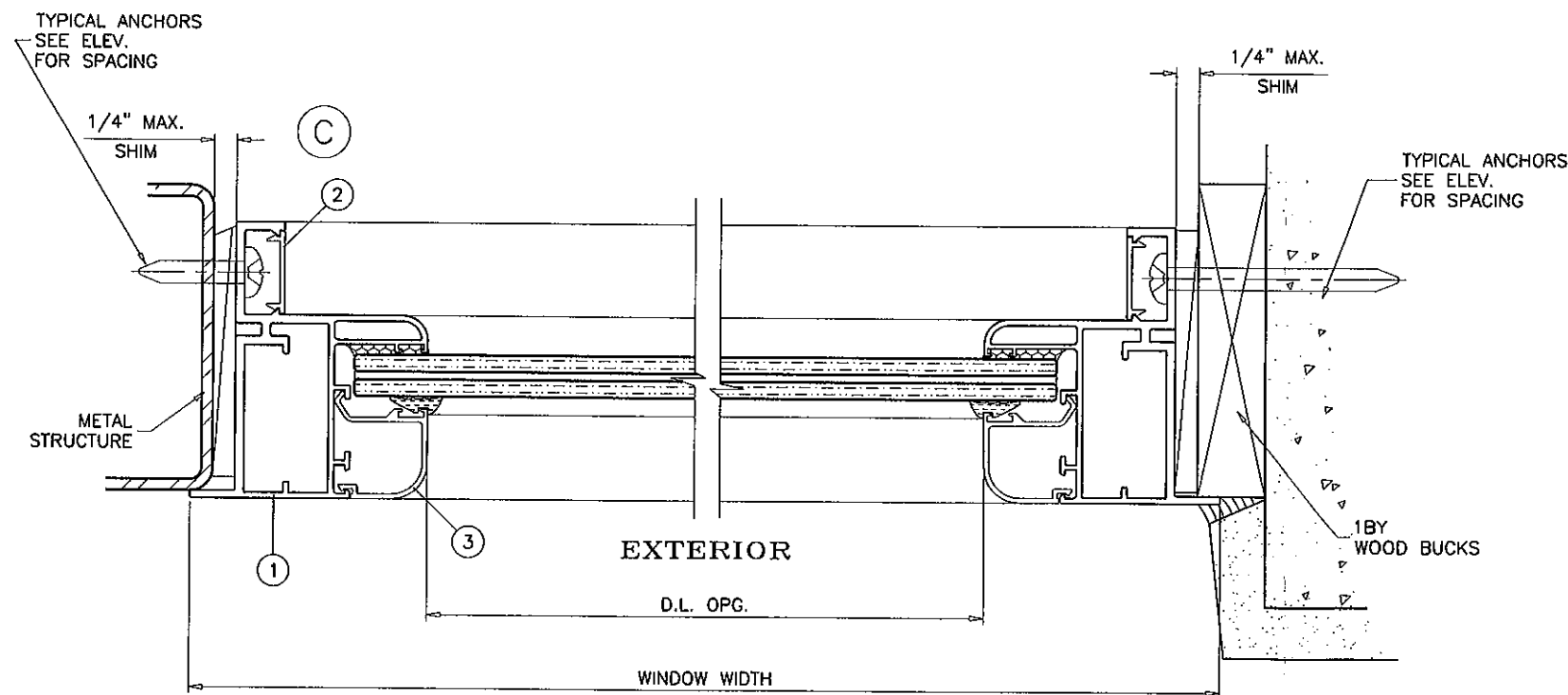
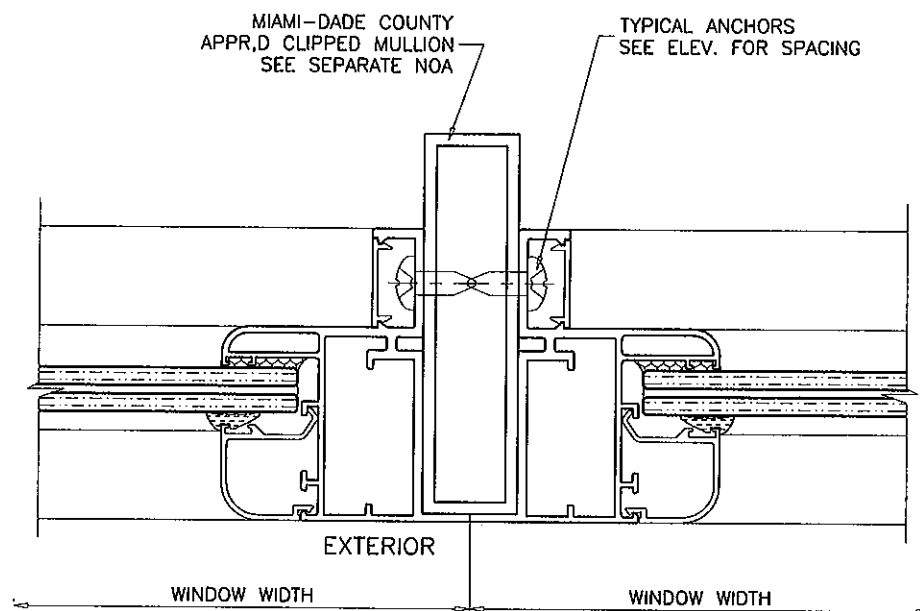
Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 FEB 02 2012

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 12-0208.04  
 Expiration Date March 21, 2013  
 By *Manuel Perez*  
 Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W08-01EWD

SERIES PW-800 ALUM FIXED WINDOW (L.M.I.)  
**EUROTECH INDUSTRIES INC.**  
 4201 N.E. 12TH TERRACE  
 FT. LAUDERDALE, FL. 33334  
 TEL. (954) 630-9967 FAX. (954) 630-0217

revisions:		no	date	by	description
	A	09.24.09			GENERAL REVISION
	B	12.01.09			REV. PER BCCO COMMENTS
	C	01.30.12			NO CHANGE THIS SHEET
date:	01-03-08	scale:	1/2" = 1"	dr. by:	HAMID
				chk. by:	
drawing no.		W08-01			
sheet		3 of 5			



Engr: JAVAD AHMAD  
CIVIL  
FLA. PE. # 70592  
C.A.N. 3538

FEB 02 2012

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0208.04  
Expiration Date March 27, 2013  
By *Maurice*  
Miami Dade Product Control

SERIES PW-800 ALUM FIXED WINDOW (L.M.I.)

EUROTECH INDUSTRIES INC.  
4201 N.E. 12TH TERRACE  
FT. LAUDERDALE, FL. 33334

TEL. (954) 630-9967 FAX. (954) 630-0217

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174

TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W08-01EWD

revisions:

no	date	by	description
A	09.24.09		GENERAL REVISION
B	12.01.09		NO CHANGE THIS SHEET
C	01.30.12		NO CHANGE THIS SHEET

date: 01-03-08

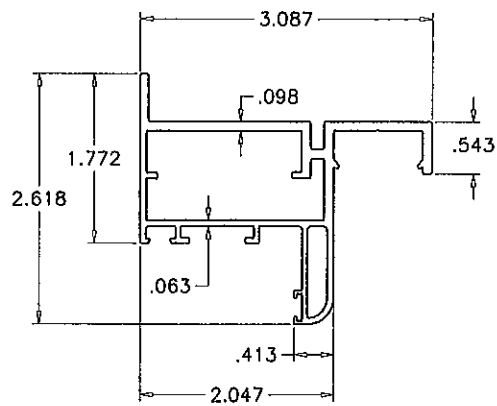
scale: 1/2" = 1"

dr. by: HAMID

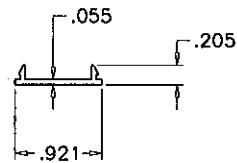
chk. by:

drawing no.  
W08-01

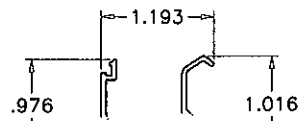
sheet 4 of 5



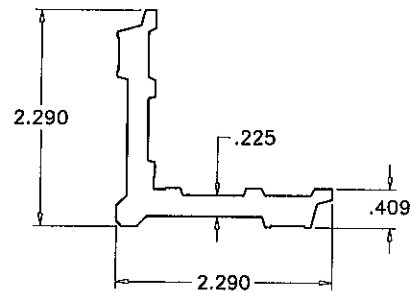
① FRAME



② FRAME COVER (OPTIONAL)

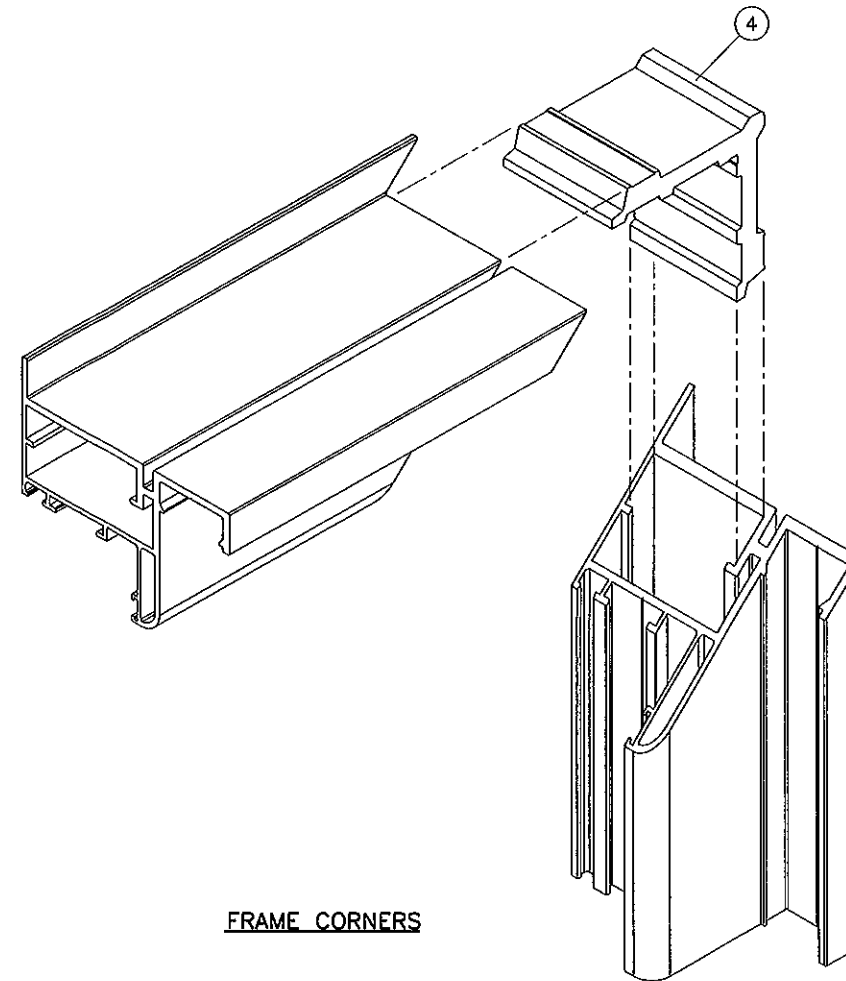


③ GLAZING BEAD



④ CORNER KEY

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ER 014	4	WINDOW FRAME	6063-T6	-
2	HW 013	4	FRAME COVER (OPTIONAL)	6063-T6	-
3	ER 015	4	GLAZING BEAD	6063-T6	-
4	-	4	CORNER KEY	6063-T5	-
5	-	4	WEDGE GASKET (75 DUROMETER)	EPDM	-
6	-	2/ WDW.	SETTING BLOCKS (1/4" X 1/4" X 2" LONG)	-	6" FROM ENDS
7	-	-	-	-	-



FRAME CORNERS

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

FEB 02 2012

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0208.04  
Expiration Date March 21, 2013  
By *Manuel Perez*  
Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL \ W08 - 01 EWD

SERIES PW-800 ALUM FIXED WINDOW (L.M.I.)  
**EUROTECH INDUSTRIES INC.**  
4201 N.E. 12TH TERRACE  
FT. LAUDERDALE, FL. 33334  
TEL. (954) 630-9967 FAX. (954) 630-0217

no	date	by	description
A	09.24.09		GENERAL REVISION
B	12.01.09		REV. PER BCCO COMMENTS
C	01.30.12		NO CHANGE THIS SHEET

date: 01-03-08	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
----------------	------------------	---------------	----------

drawing no.  
**W08-01**  
sheet 5 of 5